Suhas Sriramaneni

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Professional Summary

Motivated and detail-oriented Computer Science student with a strong foundation in front-end web development and IoT-based system design. Proficient in HTML, CSS, JavaScript, Java, Python, and React.js. Experienced in developing responsive web applications and building real-time safety systems. Eager to contribute technical expertise and creative problem-solving to innovative engineering projects.

Education

B.Tech in Computer Science and Engineering
VIT AP University   *Pursuing*
GPA: 9.13

HSC (BIEAP): Physics, Chemistry, Mathematics
Sri Chaitanya College   *Mar 2023*
Percentage: 96.7%

SSC
Sri Chaitanya School   *Mar 2021*
GPA: 10.0

Technical Skills

- **Languages:** Java, Python, C/C++ (Beginner), MySQL, C#, JavaScript

- **Tools:** Git, GitHub, Jupyter Notebook, VS Code, Google Colab, Postman, Firebase (basic)

- **Concepts:** Machine Learning, Artificial Intelligence, REST APIs, OOP, Version Control, Debugging

- **Libraries/Frameworks:** Matplotlib, Pandas, NumPy (Python); dplyr (R)

- **Web Technologies:** HTML, CSS, React.js (for dynamic UI development).

Projects

Women and Child Security System
Developer, Prototype Builder   *Duration: 6 months*

- Designed and built a real-time security alert **web application** using Raspberry Pi, GSM, GPS, accelerometer, and sensors.

- Programmed SMS alerts, calls, photo capture, and location sharing during emergencies.

- Implemented fall detection and unwanted touch detection using sensor integration.

- Aimed at improving safety standards for women and children with fast and reliable responses.

Certifications / MOOCs

- Career Essentials in Generative AI Microsoft, LinkedIn

- AWS Certified Machine Learning: AI/ML Services Skillsoft

- Foundational C# with Microsoft freeCodeCamp

- AWS APAC - Solutions Architecture Job Simulation

Extra-Curricular Skills & Achievements

- Solved 100+ DSA problems on LeetCode and GeeksforGeeks.

- Participated in multiple hackathons, contributing innovative solutions and teamwork.

- Soft Skills: Team Management, Presentations, Critical Thinking, Leadership, Communication, Technical Writing, Problem Solving

- Other Areas: AWS Pricing, Engineering Knowledge

Languages

- Telugu: Bilingual or Proficient (C2)

- Hindi: Advanced (C1)

- English: Bilingual or Proficient (C2)

- Tamil: Intermediate (B1)